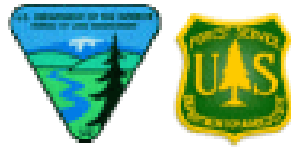




# CENTRAL NEVADA INTERAGENCY DISPATCH CENTER 2014 Annual Report





# CENTRAL NEVADA INTERAGENCY


## DISPATCH CENTER

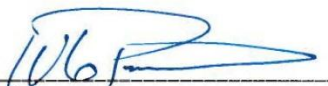
### 2014 ANNUAL REPORT

This report provides documentation of the 2014 fire season on public lands in the Central Nevada Interagency Dispatch Center area, administered by the Winnemucca and Battle Mountain Districts of the Bureau of Land Management and the Santa Rosa and Austin-Tonopah Ranger Districts of the Humboldt-Toiyabe National Forest.

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## Central Nevada Interagency Dispatch Center Summary

The Central Nevada Interagency Dispatch Center (CNIDC) encompasses the Battle Mountain and Winnemucca Districts of the Bureau of Land Management (BLM) and the Santa Rosa and Austin-Tonopah Ranger Districts of the Humboldt-Toiyabe National Forest.

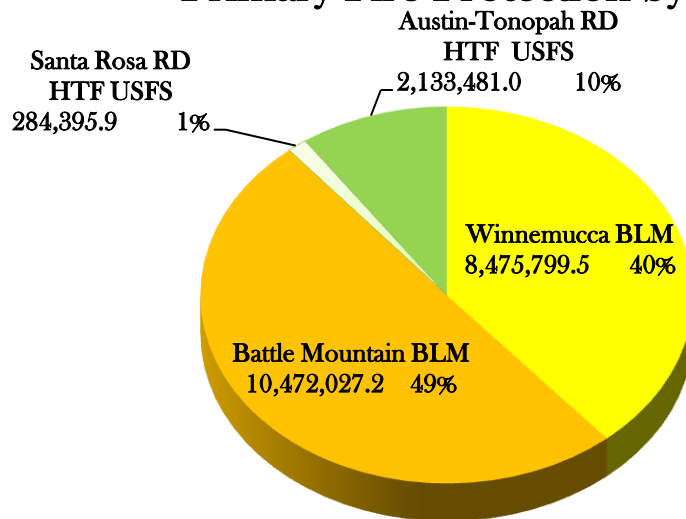
- Battle Mountain BLM District has primary fire protection responsibility for 10,472,387.3 acres (including 9,816.1 acres of BIA land) which accounts for 49% of the total acreage at CNIDC.
- Winnemucca BLM District has primary fire protection responsibility for 8,475,799.5 acres (including 39,577.2 acres of BIA) which accounts for 40% of the total acreage at CNIDC.
- Austin-Tonopah USFS Ranger District has primary fire protection responsibility for 2,133,481.0 acres which accounts for 10% of the total acreage at CNIDC.
- Santa Rosa USFS Ranger District has primary fire protection responsibility for 284,395.9 acres which accounts for 1% of the total acreage at CNIDC.



Primary Fire Protection Acres				
Protecting Agency	BLM	USFS	BIA	TOTAL
Battle Mountain District BLM	10,462,211.10	0	9,816.10	10,472,027.20
Winnemucca District BLM	8,436,222.30	0	39,577.20	8,475,799.5
Austin-Tonopah District HTF USFS	0	2,133,481.00	0	2,133,481.00
Santa Rosa District HTF USFS	0	284,395.90	0	284,395.90
<b>CNIDC TOTAL</b>	<b>18,898,433.40</b>	<b>2,417,876.90</b>	<b>49,393.30</b>	<b>21,365,703.6</b>

- The BLM and USFS HTF have primary fire protection responsibilities for 21,365,703.6 acres within CNIDC.
- Primary fire protection for 3,159,038 additional acres belongs to other agencies including BOR, DOD, DOE, FWS and individual counties.
- BLM accounts for the majority of land ownership with 18,898,433.4 acres at 88%.
- USFS HTF accounts for 2,417,876.9 acres at 11%.

## Primary Fire Protection by District



The following tables show percentages of total acres by ownership and workload in 2014.

- CNIDC by Agency/Acres

CNIDC Totals by Agency/Acres		
Ownership	# of Acres	% of Total Acres
BLM	18,947,826.70	78%
HTF USFS	2,417,876.9	9%
BIA	49,393.30	0
PRIVATE	2,974,040.36	13%
TOTAL	24,389,137.26	100%

- CNIDC Workload by Fires/Acres burned by Agency

CNIDC by Workload Fires/Acres Burned				
Ownership	# of Fires	% of Total	# of Acres Burned	% of Total Acres Burned
BLM	67	75%	759.39	25%
HTF USFS	5	1%	664.51	22%
BIA	0	0	0	0%
PRIVATE*	18	24%	1,600.21	53%
CNIDC TOTAL	90	100%	3,024.11	100%

\* Private workload was determined using threat and assist fires.

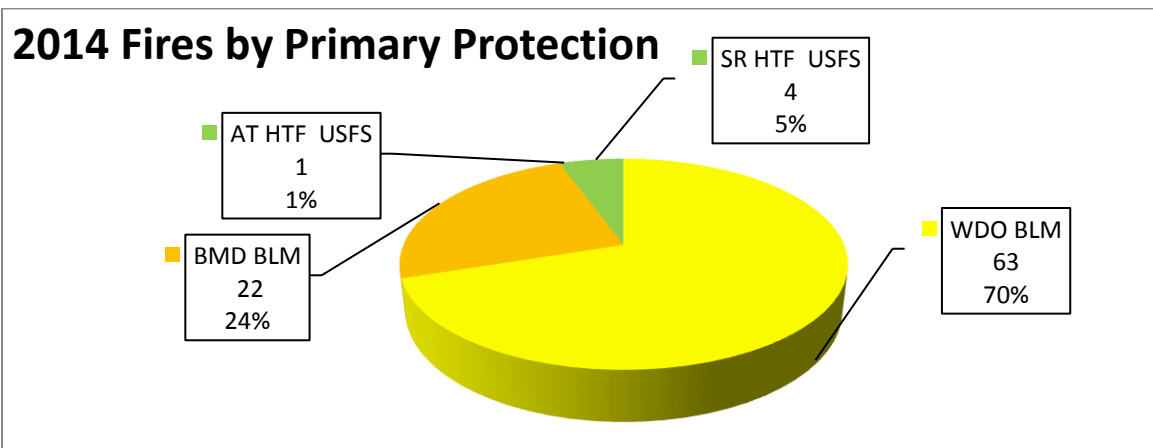
## 2014 FIRE STATISTICS SUMMARY

- CNIDC had a total of 90 fires for 3,024 acres. The number of fires and acres burned for 2014 was below the 5 and 10 year averages on the Battle Mountain, Winnemucca, and Austin-Tonopah Districts as seen by the graphs below.
- Santa Rosa Ranger District had a moderate increase in the 5 and 10 year average in the number of fires reported.

Fire and Acre Averages - 2014, 5 Year, and 10 Year (by protection)				
		2014	5 Year Average	10 Year Average
Battle Mountain District	Fires	22	30	34
	Acres	63.75	5,401.26	18,641.19
Winnemucca District	Fires	63	81	74
	Acres	2,295.85	83,124.60	72,962.17
Santa Rosa Ranger District	Fires	4	3	1
	Acres	30.51	2,087.05	1,043.52
Austin - Tonopah Ranger District	Fires	1	5	7
	Acres	634.00	971.03	567.08
CNIDC Totals	Fires	90	119	116
	Acres	3,024.11	91,583.94	93,213.96

*\*Note: Fires and acres reported include all fires and acres on agency owned and protected lands. They also include county assists that CNIDC fire units respond to.*

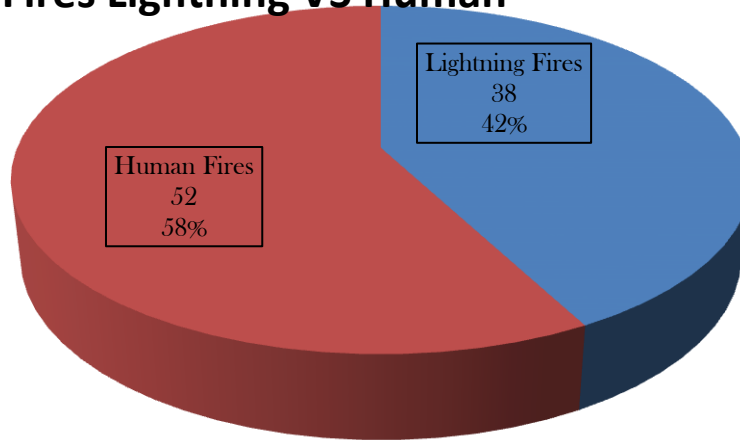
- In 2014, Winnemucca District BLM hosted 63 fires or 70%, the majority of the fires on CNIDC.
- The Battle Mountain District BLM hosted 22 fires or 24%.
- The Santa Rosa Ranger District of the Humboldt-Toiyabe NF hosted 4 fires or 5%.
- The Austin-Tonopah Ranger Districts of the Humboldt-Toiyabe NF hosted 1 fire or 1%.



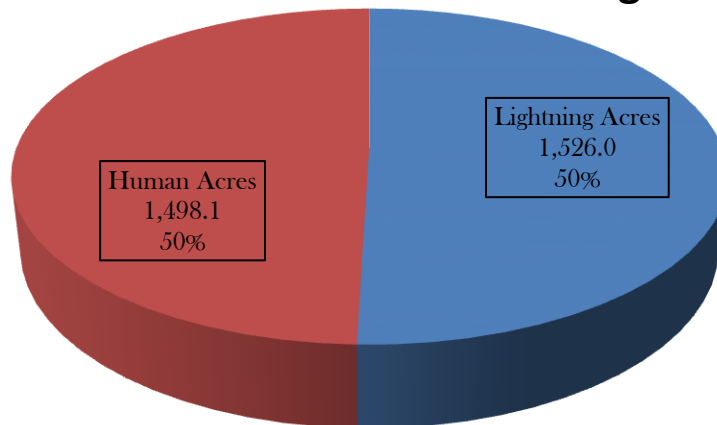


- In 2014, human caused fires made up 58% of the total number of fires and burned 50% of the total acres, while lightning caused 42% of the total number of fires and burned 50% of the acreage as well.

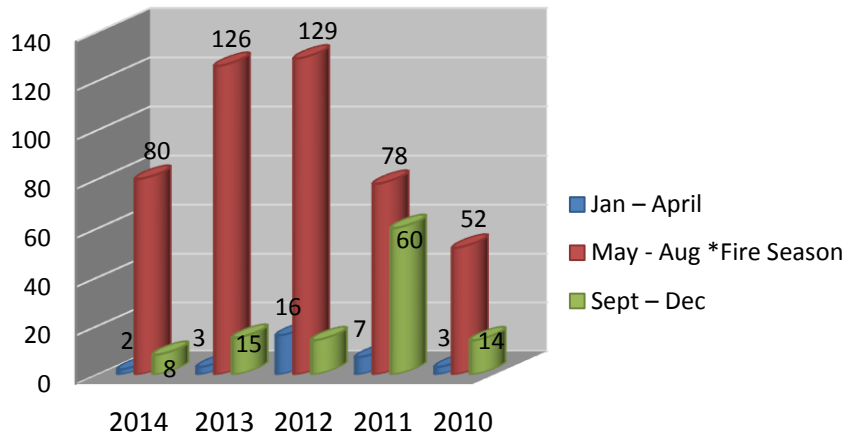
### 2014 Fires Lightning VS Human



### 2014 Acres Burned Lightning VS Human

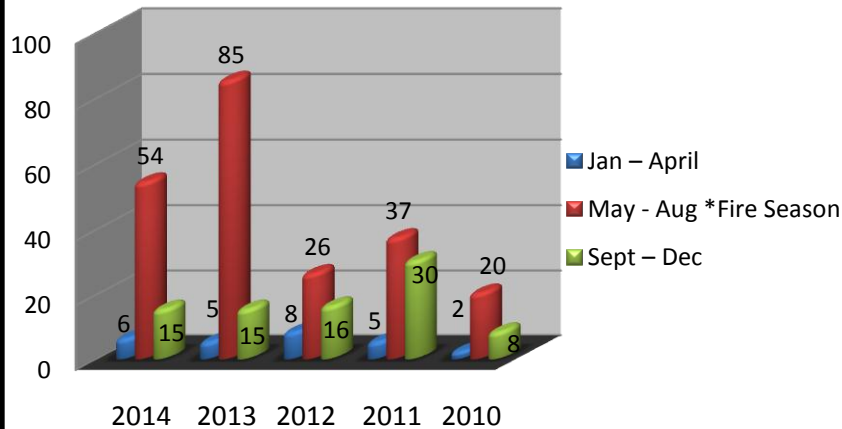


## Wildfires off Season VS Fire Season



This graph shows a decrease in the number of fires overall from 2013 to 2014.

## False Alarms Off Season VS Fire Season



This graph shows a few early season False Alarms and a decrease in False Alarms during the Fire Season.

- At times resources from CNIDC: including Winnemucca BLM District Office (WID), Battle Mountain BLM District Office (BMD), and the Humboldt-Toiyabe National Forest (HTF) provided initial attack services for neighboring districts/dispatch zones.
- This year resources from (BMD) provided assistance to Elko BLM District (EKD) and Ely BLM District (ELD).
- (WID) provided assistance to the Burns BLM District (BUD) in Oregon.
- The Austin-Tonopah Ranger District (HTF) severity engine assisted with 4 Carson City (CCD) fires.

## **LARGE FIRES**

- In 2014, CNIDC had 4 large fires in contrast to 2013, which had 12 large fires.

<b>*Local Large Fire Activity</b>				
<b><i>FIRE NAME</i></b>	<b><i>Acres</i></b>	<b><i>Jurisdiction</i></b>	<b><i>Date</i></b>	<b><i>Cause</i></b>
Callaghan	399	BLM	06/22/2014	Human
MM 154	304	PVT	06/29/2014	Human
Lucky	1165	PVT/BLM	07/11/2014	Lightning
Murphy	634	USFS	09/18/2014	Human

*\*Note: Large fires are defined as >100 acres in timber and >300 acres in grass/sage.*

## **PRESCRIBED FIRE ACCOMPLISHMENTS**

- WID BLM did not conduct any prescribed fire projects in 2014.
- BMD BLM conducted 2 prescribed fire projects in 2014 for 300 acres.
- Austin Ranger District USFS conducted 1 prescribed fire for 60 acres in 2014.
- Santa Rosa District USFS did not conduct any prescribed fire projects in 2014.



## Central Nevada Zone Resource Mobilization Summary

2014 Local Incidents Orders Created by CNIDC						
	Filled By CNIDC	Filled By other Center	UTF'd	Cancelled	Deleted	Total
Overhead	99	50	0	13	0	162
Aircraft	95	44	0	5	4	148
Aircraft Sub.	72	47	1	5	0	125
Crews	7	19	0	1	1	28
Crew Sub.	134	276	2	0	0	412
Equipment	189	10	0	22	0	221
Equipment Sub.	545	47	0	8	0	600
Supplies	444	16	0	12	1	473
<b>Total</b>	<b>1,585</b>	<b>509</b>	<b>3</b>	<b>66</b>	<b>6</b>	<b>2,169</b>

CNIDC employees created 2,169 orders for local incidents. CNIDC filled 1,585 and 509 were filled by other centers.

2014 Non-Local Incident Orders Processed by CNIDC					
	Filled w/Local Resources	Filled w/Non-Local Resources	Total Filled by CNIDC	UTF'd	Total Processed
Overhead	17	14	31	117	148
Aircraft	29	36	65	6	71
Aircraft Sub.	0	58	58	0	58
Crews	0	12	12	7	19
Crew Sub.	2	213	215	0	215
Equipment	60	34	94	19	113
Equipment Sub.	142	36	178	0	178
Supplies	43	0	43	0	43
<b>Total</b>	<b>293</b>	<b>403</b>	<b>696</b>	<b>149</b>	<b>845</b>

There were a total of 845 Non-Local Incident Orders processed by CNIDC.

2014 Local Incident Orders Unable to Fill (UTF'd)			
Aircraft		Crews	
Heavy	0	Type1	
SEAT	0	Type 1 or 2 any	0
Helicopter	0	Type 1 or 2 IA	0
Air Attack	0	Type 2 IA	0
Jumpers	0	Type 2	0
Other	0	Other	0
TOTAL Aircraft 0		TOTAL Crews 0	
Equipment		Top 5 Overhead	
Engine T3, 4, 5, or 6	0	HMGB	
Dozers	0	FFT1	
Water Tender	0	FFT2	
Other	0		
TOTAL Equipment 0		TOTAL Overhead 3	
TOTAL CNIDC Local incident orders Unable to Fill (UTF'd) 3			

CNIDC was unable to fill 3 Overhead orders in 2014

*\*Totals do not include supplies.*

2014 National Incident Orders UTF'd by CNIDC			
Aircraft		Crews	
Heavy	0	Type1	0
SEAT	4	Type 1 or 2 any	0
Helicopter	2	Type 1 or 2 IA	0
Air Attack	0	Type 2 IA	1
Jumpers	0	Type 2	0
Other	0	Other	0
TOTAL Aircraft 6		TOTAL Crews 1	
Equipment		Top 5 Overhead	
Engine T3, 4, 5, or 6	13	ENGB	
Dozers	0	FFT2	
Water Tender	0	FFT1	
Other	6	ACDP	
		DIVS	
TOTAL Equipment 19		TOTAL Overhead 117	
TOTAL CNIDC National Incident Orders Unable to Fill (UTF'd) 143			

CNIDC was unable to fill 143 orders: including miscellaneous Aircraft, Crews, Equipment and Overhead in 2014

*\*Totals do not include supplies.*

2014 Tactical Equipment Available for Assignment		
Unit/Agency	Equipment Type	Amount
<b>Winnemucca BLM</b>	Engine T-4	9
	Engine T-6	1
	Engine T-3	3
	Dozer T-2	3
	Water Tender T-2	4
<b>Austin-Tonopah</b>	Engine T-7	1
<b>Battle Mountain</b>	Engine T-4	4
	Engine T-6	1
	Dozer T-2	1
	Water Tender T-2	1
<b>Contract Equipment (All)</b>	Engine T4, T5	4
	Engine T-6	2
	Fuel Tender T-3	0
	Grey Water Truck T-2	3
	Potable Water Truck T-2 & T-3	2
	Dozer T-1	6
	Dozer T-2	11
	Water Tender Support Type 2	10
	Hand Washing	1
	Mechanic w/truck	1
	Portable Toilet	0
	Commo. Trailers	3

CNIDC had 28 pieces of agency equipment available for assignments.

There were 43 pieces of contract equipment available for assignments.

- 179 non-local overhead orders were filled with agency and AD hires: Battle Mountain filled 38, Winnemucca District filled 127, Austin-Tonopah filled 4, Santa Rosa filled 2 and 8 were filled by AD's.
- 595 local overhead orders were filled with agency resources and AD hires: Battle Mountain filled 160, Winnemucca filled 427, Austin-Tonopah filled 3 and 5 were filled by AD's.

Non Local Overhead Orders Filled by Agency & AD's						Local Overhead Orders Filled by Agency & AD's					
	Aircraft Subordinates	Crew Subordinates	Equipment Subordinates	Overhead	TOTAL		Aircraft Subordinates	Crew Subordinates	Equipment Subordinates	Overhead	TOTAL
BMD BLM	0	1	31	6	38	BMD BLM	0	0	130	30	160
WID BLM	0	2	100	25	127	WID BLM	0	1	382	44	427
AT HTF USFS	0	0	0	4	4	AT HTF USFS	0	0	2	1	3
SR HTF USFS	0	0	0	2	2	SR HTF USFS	0	0	0	0	0
AD	0	0	0	8	8	AD	0	0	1	4	5
TOTAL	0	3	131	45	179	TOTAL	0	1	515	79	595

- 56 non-local orders for equipment were filled by CNIDC with agency and contract resources: Battle Mountain filled 12 and Winnemucca District filled 39 and Contract resources filled 5 orders.
- 193 local orders for equipment were filled by CNIDC with agency resources: Battle Mountain District filled 49, Winnemucca District filled 143, and Austin-Tonopah filled 1 order.

Non Local Incident Equipment Orders Filled by Agency and Contract Resources	Engine	Water Tender Tactical	Water Tender Support	Water Tender Potable	Dozer	TOTAL	Local Incident Equipment Orders Filled by Agency and Contract Resources	Engine	Water Tender Tactical	Water Tender Support	Water Tender Potable	Dozer	TOTAL
BMD BLM	7	0	1	0	4	12	BMD BLM	36	0	8	0	5	49
WID BLM	29	0	2	0	8	39	WID BLM	115	0	8	0	20	143
AT HTF USFS	0	0	0	0	0	0	AT HTF USFS	1	0	0	0	0	1
SR HTF USFS	0	0	0	0	0	0	SR HTF USFS	0	0	0	0	0	0
Contractor	5	0	0	0	0	5	Contractor	0	0	0	0	0	0
TOTAL	41	0	3	0	12	56	TOTAL	152	0	16	0	25	193

### Central Nevada Interagency Dispatch Functional Areas Summary

CNIDC was open 0600 to 1800, 7 days a week from June through October and extended as needed for incident support. From October through May CNIDC was open 0730 to 1700, Monday-Friday, excluding holidays, with extended hours as needed.

CNIDC EMPLOYEES			
Employee	Position	Status	Agency
Nancy Ellsworth	Center Manager	PFT	BLM
Kim Karalus	Assistant Center Manager-Operations	PFT	BLM
Tina Flodeen	Asst. Center Manager-Intelligence	PFT	USFS
Tim Virag	Senior Dispatcher	PFT	BLM
Bryan Granath	Dispatcher	CS	BLM
April Cook	Dispatcher	CS	BLM
Melanie Martinez	Dispatcher	CS	BLM
Samantha Sellner	Dispatcher	CS	BLM
Lisa Walker	Dispatcher	CS	BLM
Alexis Mann	Dispatcher	CS	BLM
Ryan Swensen	Dispatcher	Seasonal	BLM
Shelby Ruff	Dispatcher	Seasonal	BLM
Teri Oroz	Dispatcher	Seasonal	BLM
Kayla Doyle	Dispatcher	Seasonal	BLM
Kiana Flores	Dispatcher	Seasonal	BLM

- CNIDC hired two new Career Seasonal employees, Samatha Sellner and Alexis Mann whom took the place of April Cook and Melanie Martinez.
- April Cook accepted a Tactical Aircraft position in Fairbanks, Alaska and Melanie Martinez accepted a position as Support Services Assistant in the Winnemucca Field Office.
- Kim Karalus accepted a job in Lakeview, Oregon as the Center Manager.
- Lisa Walker served as Acting Assistant Center Manager-Operations for 120 day detail and Tim Virag served in a set of duties as Floor Supervisor for 120 days.
- Three temp seasonal dispatchers returned this year, Shelby Ruff, Ryan Swensen, and Kayla Doyle. CNIDC's new temporary seasonal employees this year were Teri Oroz and Kiana Flores.
- Teri Oroz had the opportunity to work on a wildland engine for 50 days.

CNIDC EMPLOYEE ASSIGNMENTS and DETAILS			
Employee	Position	Dates	Agency
Bryan Granath	ACDP	04/15/2014-05/10/2014	AZ-TNF
Lisa Walker	IADP	07/30/2014-08/14/2014	OR-FWF
Kayla Doyle	ACDP (t)	07/03/2014-07/18/2014	NV-ELD
Ryan Swensen	IADP	07/01/2014-07/16/2014	NM-SNF
Teri Oroz	EDSD	08/08/2014-08/23/2014	OR-FWF
Tim Virag	EDSD	06/09/2014-06/24/2014	AK-ACC
Tim Virag	ACDP	11/03/2014-11/14/2014	NV-ELD

LOCAL AGENCY/AD ASSISTANCE		
Employee	Position	Agency
Melanie Martinez	IADP	CNIDC
Alex Schirrick	EDRC(t)	CNIDC
Lisa Kemper	IADP(t)	CNIDC

NON-LOCAL DETAILERS		
Employee	Position	Agency
Jen Medl	ACDP	AK-ACC

### AIRCRAFT

- All flights originating from CNIDC and all flights involving agency personnel require the staff at CNIDC to coordinate detailed planning and communications with agency personnel and military organizations. The planning and coordination provides permission to utilize military airspace and helps to ensure safe flights by identifying aerial hazards and establishing communication channels.
- The aircraft desk at CNIDC supported 28 tactical aircraft for use on wildland fires. 138 orders were processed to utilize these aircraft.

Individual Aircraft supported by CNIDC	
Heavy Airtankers	1
SEAT	11
ASM	0
Lead	1
Air Attack	7
Recon Fixed Wing	0
Jump	1
Heavy Helo	0
Medium Helo	1
Light Helo	6
<b>Total</b>	<b>28</b>
Aircraft Projects on District	
WH&B	6
Repeater	1
Misc.	3
<b>Total Projects</b>	<b>10</b>



## **LOGISTICS**

- CNIDC completed the dispatch remodel which included the new carpeting and desk for the I/A and Aircraft areas. CNIDC also added a desk space and a new laptop computer for the Floor Supervisor.
- CNIDC hosted an Open House on March 10, 2014 after all the remodeling was completed. CNIDC invited all district staff members to partake in a luncheon and an introduction to the staff and the center.
- CNIDC also hosted a photography event called “Shooting the West”. It is one of the premier photography symposia’s in the West in March of 2014. Photographers visited CNIDC, took photos and asked questions. Photographers also visited the Winnemucca Districts SEAT Base, BLM Firefighters provided wildland fire engines at the Winnemucca SEAT Base to take photos and ask questions.
- CNIDC ordered four new state of the art PC’s for the two aircraft and I/A Desks and also added a third monitor. The third monitor is needed for the many programs CNIDC utilizes to ensure fast, safe, and effective dispatching of resources.

## **INTELLIGENCE**

- All fires for 2014 have been entered into WildCAD, BLM 1202, WFDSS, FireCode, Incident Tracker, the Fire Number Spreadsheet, FIRESTAT and ROSS.
- Continued to improve the Electronic Morning Intelligence Report (EMIR).
- Provided training on the new SIT/209 reporting system and the new DAVG Spreadsheet to all employees.
- Implemented and tested the Fire Danger Operating Plan which included the Dispatch Levels, Preparedness Levels and Adjective Fire Danger Rating Levels which generated updated ERC’s and BI’s for utilization with the wall Fire Danger Pocket Cards (used on a daily basis) and relayed via Fire Weather Forecasts over the radio to field personnel.

## **INITIAL ATTACK**

- Successfully tested and utilized the Texting Plan in WildCAD, to keep agency administrators apprised of any current fires on their districts.
- The Staff at CNIDC and fire field going personnel performed numerous simulated medical/emergency incident simulations. Providing this training is of vital importance to ensuring all parties understand their roles and responsibilities when a medical/emergency occurs.
- All employees participated in WildCAD training during seasonal orientation. The training focused on improved functionalities of Version 5.0.8.
- CNIDC is waiting for Regional Office approval for WildCAD 6.0 to become available to the center. Once approved WildCAD 6.0 will be integrated with iRWIN (Integrated Reporting of Wildland-Fire Information). iRWIN will gather pertinent information from WildCAD and create a FireCode which will in turn create a WFDSS and ICS209 record if needed.

## **GIS**

- CNIDC designed and ordered new wall maps which integrated Rural Fire Protection Districts layers, updated radio repeaters, corrected boundaries and improved color contrast.
- CNIDC is continuing to use the Values at Risk Project to identify values at risk that may be considered during the initial response phase along with a consultation from a Resource Advisor (READ).
- CNIDC is utilizing GIS to deconflict flights. Ensuring accurate and quicker airspace deconfliction.
- WildCAD map received numerous changes including retardant coverage and Runcards to ensure the most updated information available.

## **RADIOS**

- CNIDC plays an important role in identifying problems with the radio system and equipment designed to provide employees with the ability to maintain routine and emergency communications while in the field.
- The staff at CNIDC identified and reported 9 radio issues this year and supported personnel in the process of repairing or replacing equipment.

## **FACILITIES**

- The CNIDC building is owned by the City of Winnemucca and leased by the BLM. The staff at CNIDC maintains the property including lawn and landscaping maintenance.
- The Expanded Dispatch trailer water system was blown out for the winter of 2014/2015.

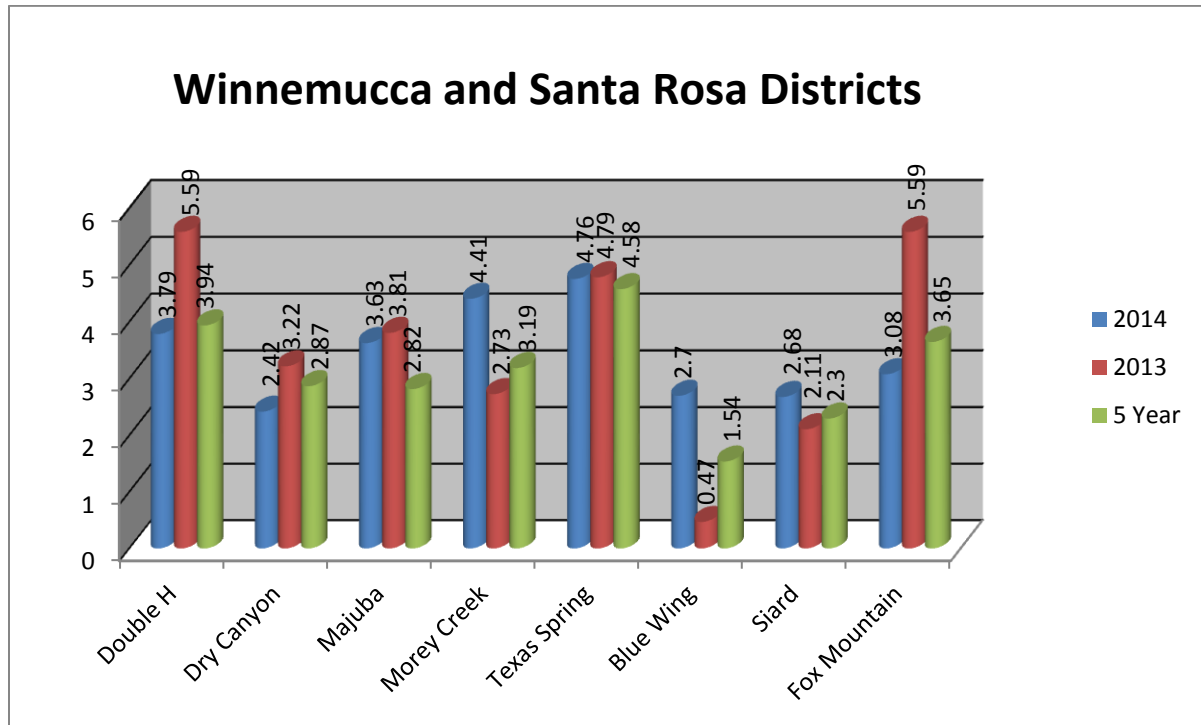
## PRECIPITATION

- CNIDC maintains 17 Remote Automated Weather Station (RAWS).

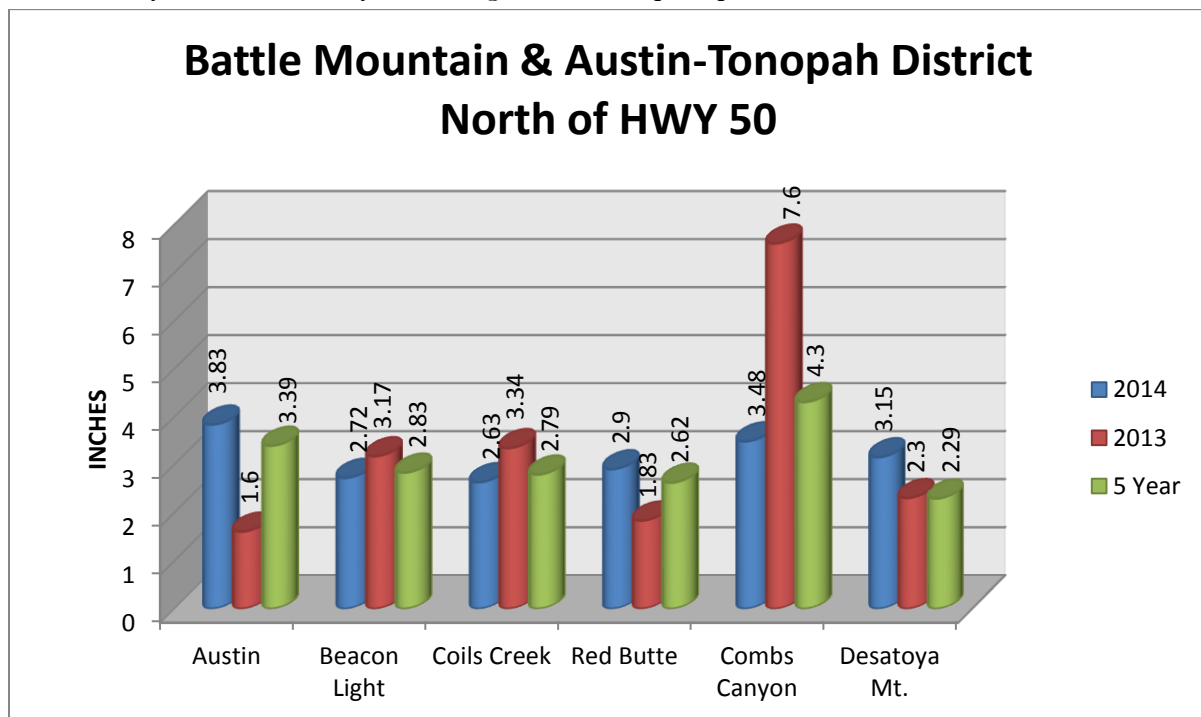
Precipitation Averages (in inches) May-October			
WINNEMUCCA and SANTA ROSA DISTRICTS			
<i>Weather Station</i>	<i>2014</i>	<i>2013</i>	<i>5 year</i>
Double H 260207	3.79"	5.59"	3.94"
Dry Canyon 260203	2.42"	3.22"	2.87"
Majuba 260208	3.63"	3.81"	2.82"
Morey Creek 260204	4.41"	2.73"	3.19"
Texas Spring 260206	4.76"	4.79"	4.58"
Blue Wing 260202	2.70"	0.47"	1.54"
Siard 260402	2.68"	2.11"	2.30"
Fox Mountain 260110	3.08"	5.59"	3.65"
BATTLE MOUNTAIN and AUSTIN-TONOPAH DISTRICTS (North of HWY 50)			
<i>Weather Station</i>	<i>2014</i>	<i>2013</i>	<i>5 year</i>
Austin 260501	3.83"	1.60"	3.39"
Beacon Light 260505	2.72"	3.17"	2.83"
Coils Creek 260603	2.63"	3.34"	2.79"
Red Butte 260504	2.90"	1.83"	2.62"
Combs Canyon 260601	3.48"	7.60"	4.30"
Desatoya Mt. 260503	3.15"	2.30"	2.29"
BATTLE MOUNTAIN and AUSTIN-TONOPAH DISTRICTS (South of HWY 50)			
<i>Weather Station</i>	<i>2014</i>	<i>2013</i>	<i>5 year</i>
Buddy Adams 261408	1.98"	2.06"	2.06"
Quima Peak 260810	3.05"	2.06"	4.08"
Pancake 261404	3.10"	2.92"	3.16"

- Overall, CNIDC received less precipitation in 2014 compared to 2013, although there were some areas that received significant precipitation and those will be discussed further.
- Significant decreases in precipitation were noted in Combs Canyon at -4.12" and Fox Mountain by -2.51" from 2013 to 2014.
- On the other hand, there were some increases in precipitation, for example Blue Wing received +2.23" and Morey Creek received +1.68" additional precipitation for 2013 to 2014 during May thru October.

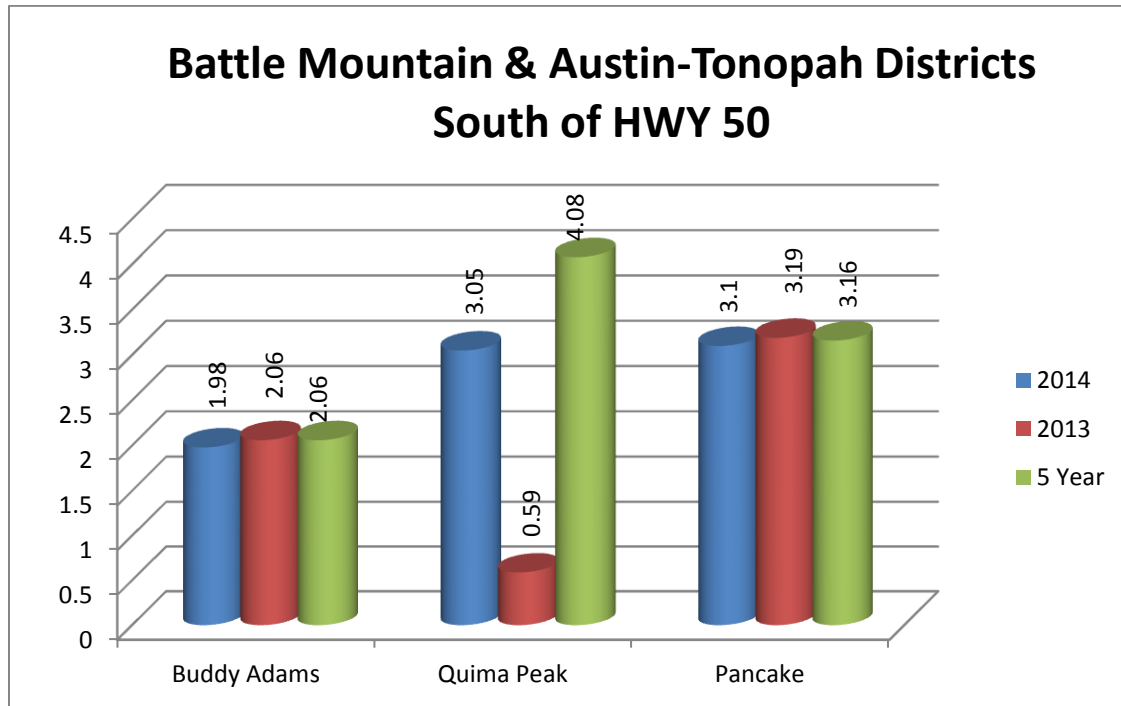
- Winnemucca and Santa Rosa Districts showed 5 out of the 8 RAWS stations in a decline in precipitation in 2014 as compared to 2013.
- 3 out of the 8 RAWS stations in the Winnemucca and Santa Rosa Districts showed a 5 year average decline in precipitation.



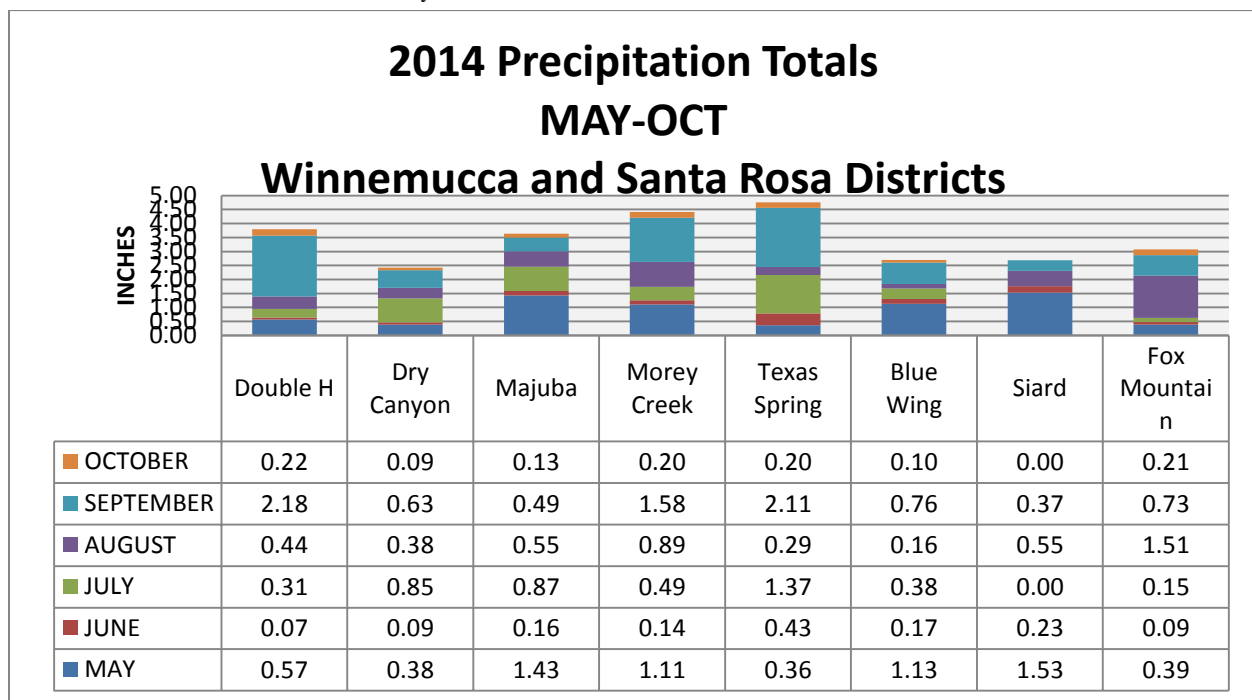
- Battle Mountain & Austin-Tonopah Districts, North of Hwy 50 showed 3 of the 6 RAWS stations receiving an increase in precipitation from May thru October of 2014.
- 3 out of the 6 RAWS stations in the Battle Mountain & Austin-Tonopah Districts, North of Hwy 50 showed a 5 year average decline in precipitation.



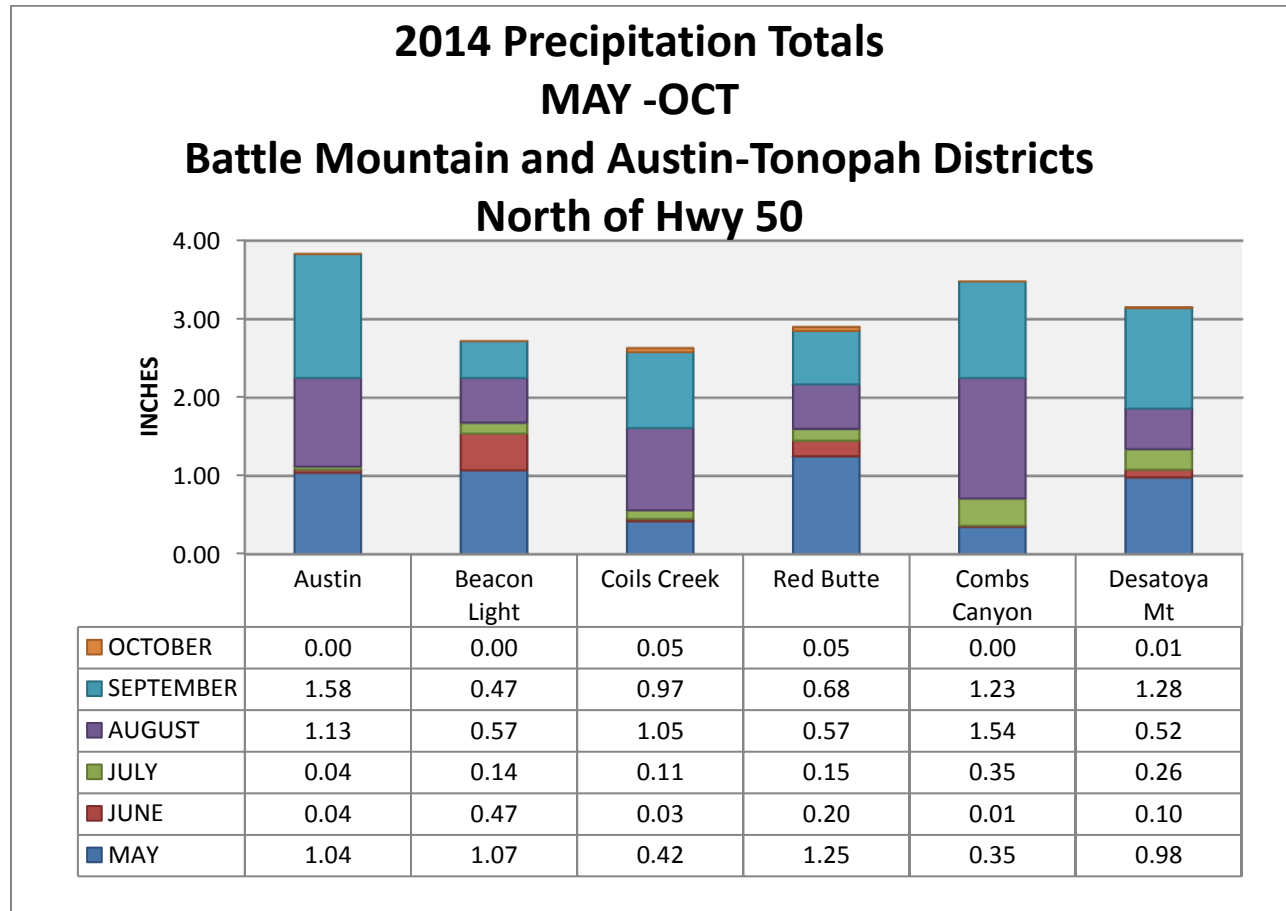
- Battle Mountain and Austin-Tonopah Districts, South of Hwy 50 showed all 3 RAWS stations in a decrease in precipitation from May thru October of 2014.
- All 3 of the Battle Mountain and Austin-Tonopah Districts, South of Hwy 50 RAWS stations showed a slight decline in precipitation in the 5 year average.



- Winnemucca and Santa Rosa Districts in September 2014 received an increase in precipitation in the six months from May through October with +8.85": May 2014 received +6.90", July received +4.42" and August 2014 received +4.77".
- There was a total of 27.47" of precipitation for all Winnemucca and Santa Rosa Districts RAWS stations from May thru October of 2014.

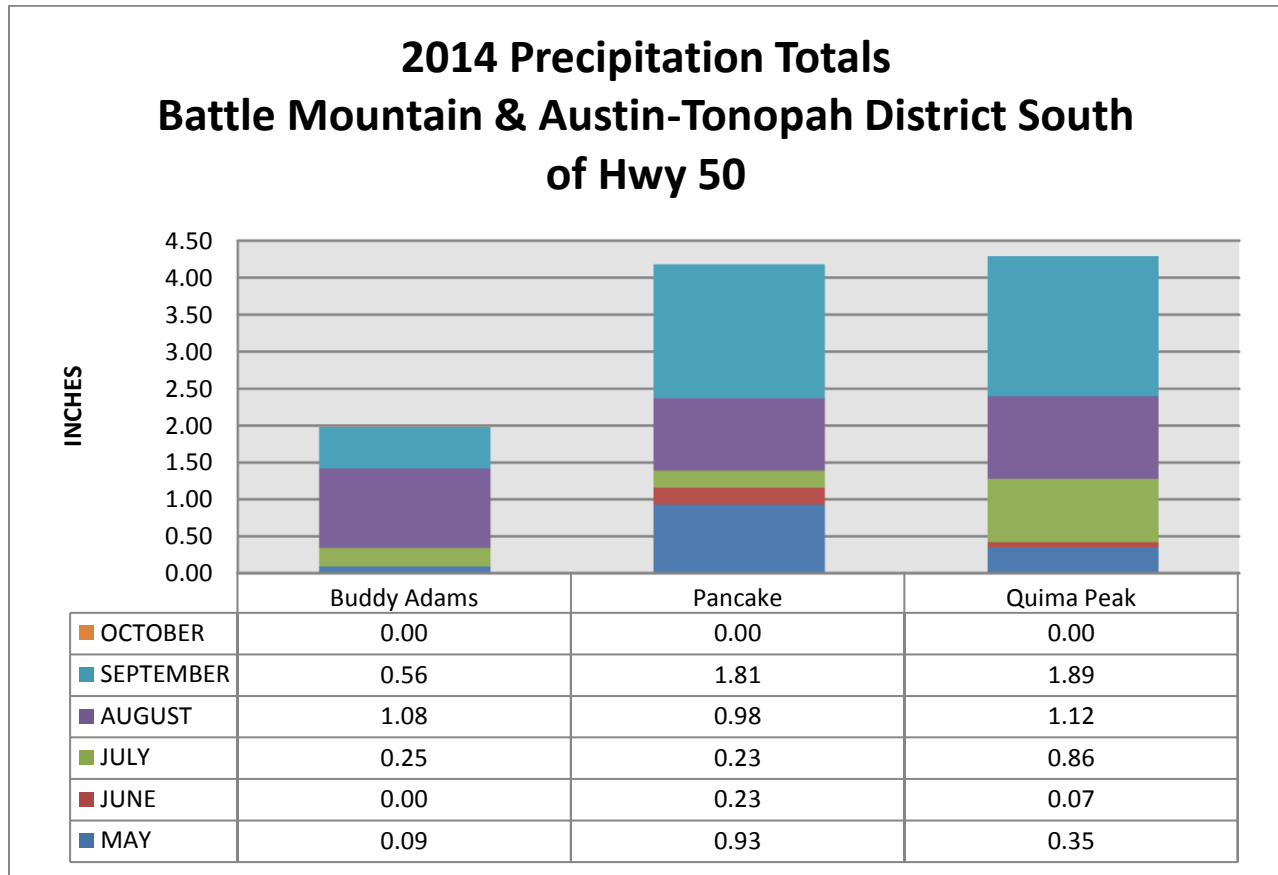


- Battle Mountain and Austin-Tonopah Districts North of Hwy 50 received the greatest amount of precipitation in 2014 with May at +5.11”, August with +5.38”, and September with +6.21”.
- There was a total of 18.71” of precipitation for all Battle Mountain and Austin-Tonopah Districts north of Hwy 50 RAWWS stations from May thru October 2014.





- Precipitation for the Battle Mountain and Austin-Tonopah Districts South of Hwy 50, had the highest recorded precipitation receiving +4.26” in September and +3.18” in August of 2014 compared to 2013.
- There was a total of 8.13” of precipitation for all Battle Mountain and Austin-Tonopah Districts South of Hwy 50 RAWs stations from May thru October 2014.



- Precipitation in 2013 showed an increase in July and September, where the 2014 precipitation totals had an increase in May, August and September, but generally in two out of the three areas, precipitation was on a downward trend in 2014.
- Precipitation in 2014 in the Winnemucca and Santa Rosa Districts showed a decrease of -0.54”, Battle Mountain and Austin-Tonopah Districts North of Hwy 50 showed a decrease of -1.13” and Battle Mountain and Austin-Tonopah Districts South of Hwy 50 showed an increase of +1.09” from 2013.

## <sup>1</sup>2014-2015 FIRE SEASON AND RECENT WEATHER TREND SUMMARY

- Average temperatures have remained above normal across the Great Basin (GB) despite a very cold storm system at the end of December. Temperatures averaged 3-6+ degrees above normal over the northern half of the GB, and near normal in the far south.
- Precipitation was near to above normal in many areas of the GB in December due to several trough passages including one very cold storm at the end of the month that brought snow to nearly all valley floors in the GB. However, the water year precipitation is still well below normal over most of the GB, and only above normal over southwest/central ID.
- The snowpack is now near or slightly above normal in most areas of the GB, but still around 50% of normal in the Sierra.
- Drought conditions have remained unchanged over the last few months. Extreme to exceptional drought continues over the western/southern half of NV. Moderate drought is prevalent across much of eastern NV and UT, with small pockets of severe drought.

### **January and February Fire Potential Outlook**

- Large fire potential is expected to be normal through February, which typically means little to no significant fire activity.
- Cooler winter temperatures and periods of wet weather will keep fuels in a dormant state.
- The only potential for large fires would be during strong wind events after prolonged period of drier weather.

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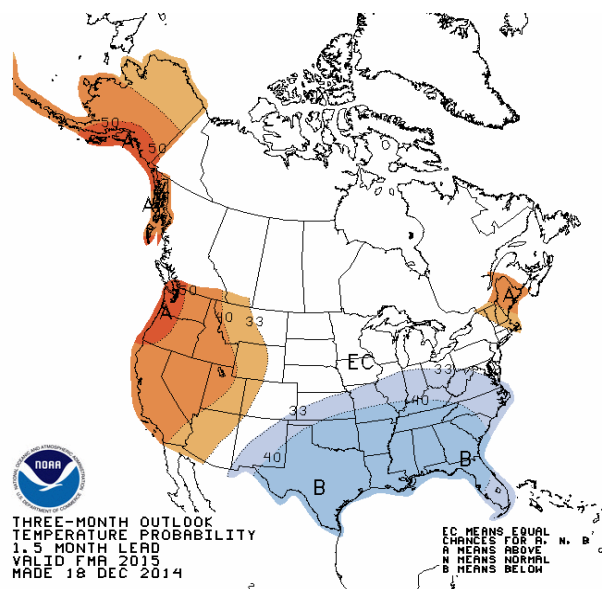
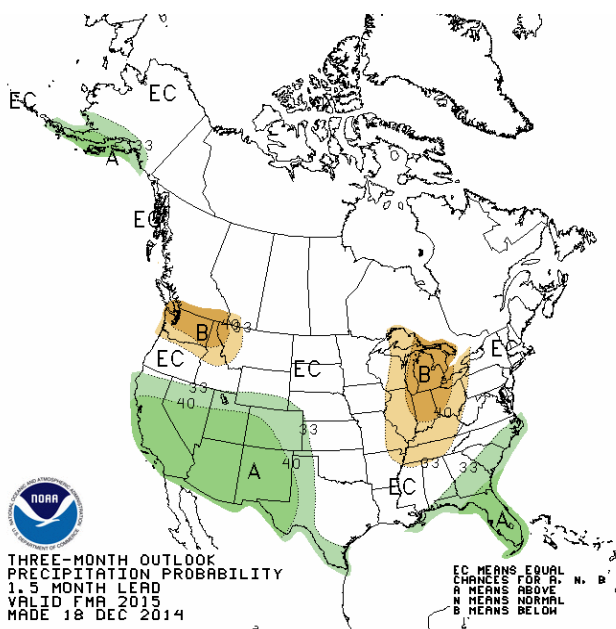
<sup>1</sup> All Outlooks and Predictive services information is from the National Interagency Coordination Center (NICC)  
<http://www.nifc.gov/nicc/index.htm>

## <sup>2</sup>March/April Fire Potential Outlook

- Large fire potential is expected to be normal through during March and April, which typically means little to no significant fire activity.
- Any winter precipitation will likely not be enough to alleviate any of the drought over the western half of the Great basin.
- However, a normal to wetter winter/spring will be monitored for areas of a new fine fuel growth.
- Some models are pointing to a wetter spring, and this may delay the start of fire season, however there is very low confidence in this scenario at the present time.

**Figure 1**—Long Term Climate Outlooks. Precipitation for February -April 2015

**Figure 2**—Precipitation—February-April



**Figure 1**—Temperature-February -March 2015

**Figure 2** -Long Term Climate Outlooks. Precipitation for February -April 2015

<sup>2</sup> All Outlooks and Predictive services information is from the National Interagency Coordination Center (NICC) <http://www.nifc.gov/nicc/index.htm>

### <sup>3</sup>DROUGHT MONITOR IMAGES

December 31, 2013

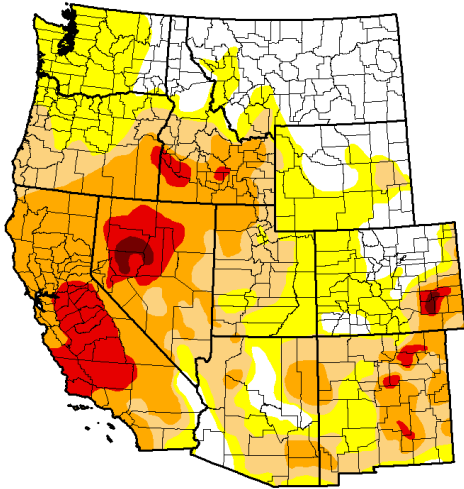


Figure 1—December 31, 2013

August 12, 2014

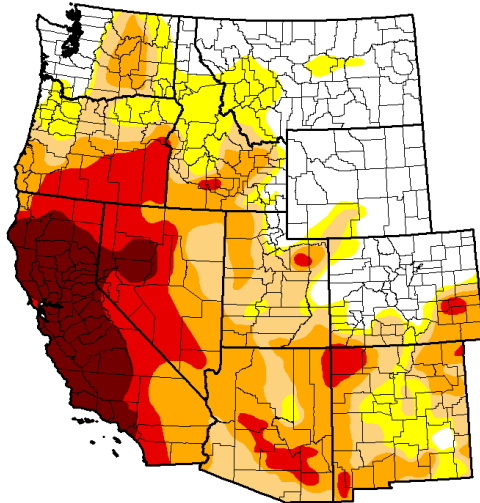







Figure 2 –August 12, 2014

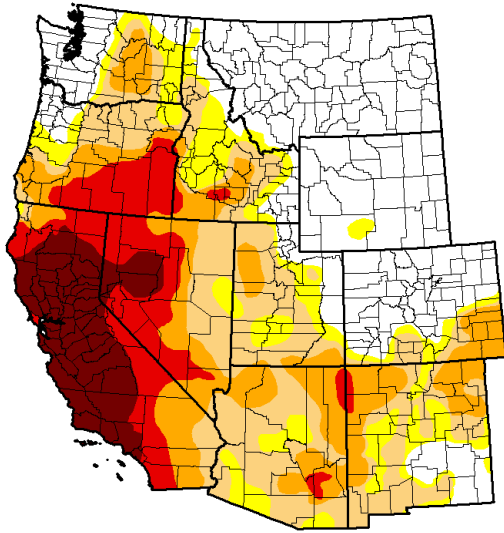
Figure 1 and Figure 2—  
differences in drought  
conditions from December  
31, 2013 to August 12, 2014,  
the state of Nevada moved  
from a mostly Severe drought  
to an Extreme/Exceptional  
drought.

Intensity:

-  D0 Abnormally Dry
-  D1 Drought - Moderate
-  D2 Drought - Severe
-  D3 Drought - Extreme
-  D4 Drought - Exceptional

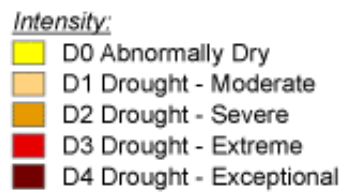
<sup>3</sup> All Outlooks and Predictive services information is from the National Interagency Coordination Center (NICC)  
<http://www.nifc.gov/nicc/index.htm>

November 11, 2014



**Figure 3**—Drought conditions November 11, 2014 are moving to more of an Extreme trend.

**Figure 3**—November 11, 2014



<sup>4</sup>All Outlooks and Predictive services information is from the National Interagency Coordination Center (NICC)  
<http://www.nifc.gov/nicc/index.htm>